

SECRETNPIC/TSSG/DED-1714-69
10 July 1969

MEMORANDUM FOR THE RECORD

SUBJECT : Par 251 - Status Report #1

1. Par 251 concerns the development of techniques and equipment necessary to employ "ring-smear" image edge-enhancement in the NPIC photographic laboratory situation.

2. The first periodic project review meeting was held at the contractor's plant on 2 July 1969. Messrs. [redacted] reviewed the situation; 1 June 1969 to date. 25X1

3. In summary, the contractor has: (1) selected a staff, (2) drafted a more detailed work schedule, (3) eliminated the requirement for GFE lenses, (4) added the requirement to deliver the equipment developed in a configuration that can be mounted and operated on a BPE, (5) plans to test operational material starting in January 1970, and ranging in quality from best to minimum usable, (6) expressed a desire to participate in the preparation and evaluation of the subjective experiments conducted with the enhanced images. This participation amounts to preparing a list of questions to be compared and integrated with a list prepared by NPIC, and reviewing the PI responses, (7) decided to test O-N processed in dual-gamma chemistry and compare the results with similar imagery processed in single-gamma chemistry, and (8) agreed to conduct periodic project status briefings on an as-required basis.

4. At present, effort is being directed toward designing and cutting the glass (3-4 months), engineering and constructing the apparatus to be mounted on the BPE, and performing preliminary experiments on the existing breadboard equipment. Extensive tests with SO-239 will be made to minimize losses through multiple generations (SO-239 is a direct reversal film processed in conventional B&W chemistry).

5. As originally designed the ring-smear apparatus will operate with the "C" lens on the BPE, the maximum target area to be enhanced at one time is one inch in diameter; however, the equipment will accept 70 mm to 9 1/2" film widths. During the investigation the requirements for enhancing larger areas will be examined.

DDR-DUPE
[redacted]**SECRET****GROUP 1**
Excluded from automatic
downgrading and
declassification

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6. The requirement for monthly progress reports from the contractor is waived in lieu of quarterly reports and the periodic briefings. The latter will provide adequate information for contract inspection reports and relieve the contractor of some administration workload.



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